

FIG. 1

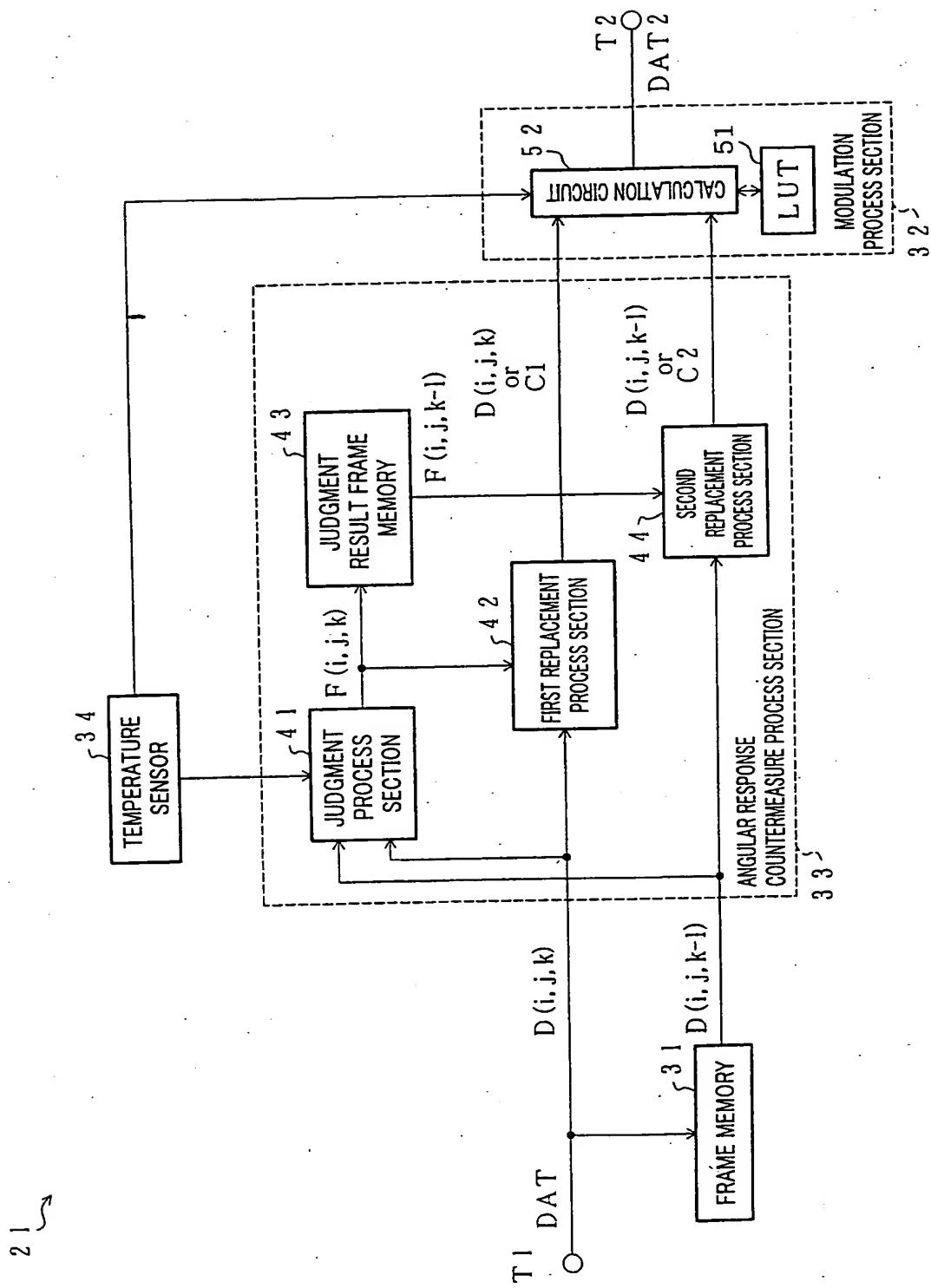


FIG. 2

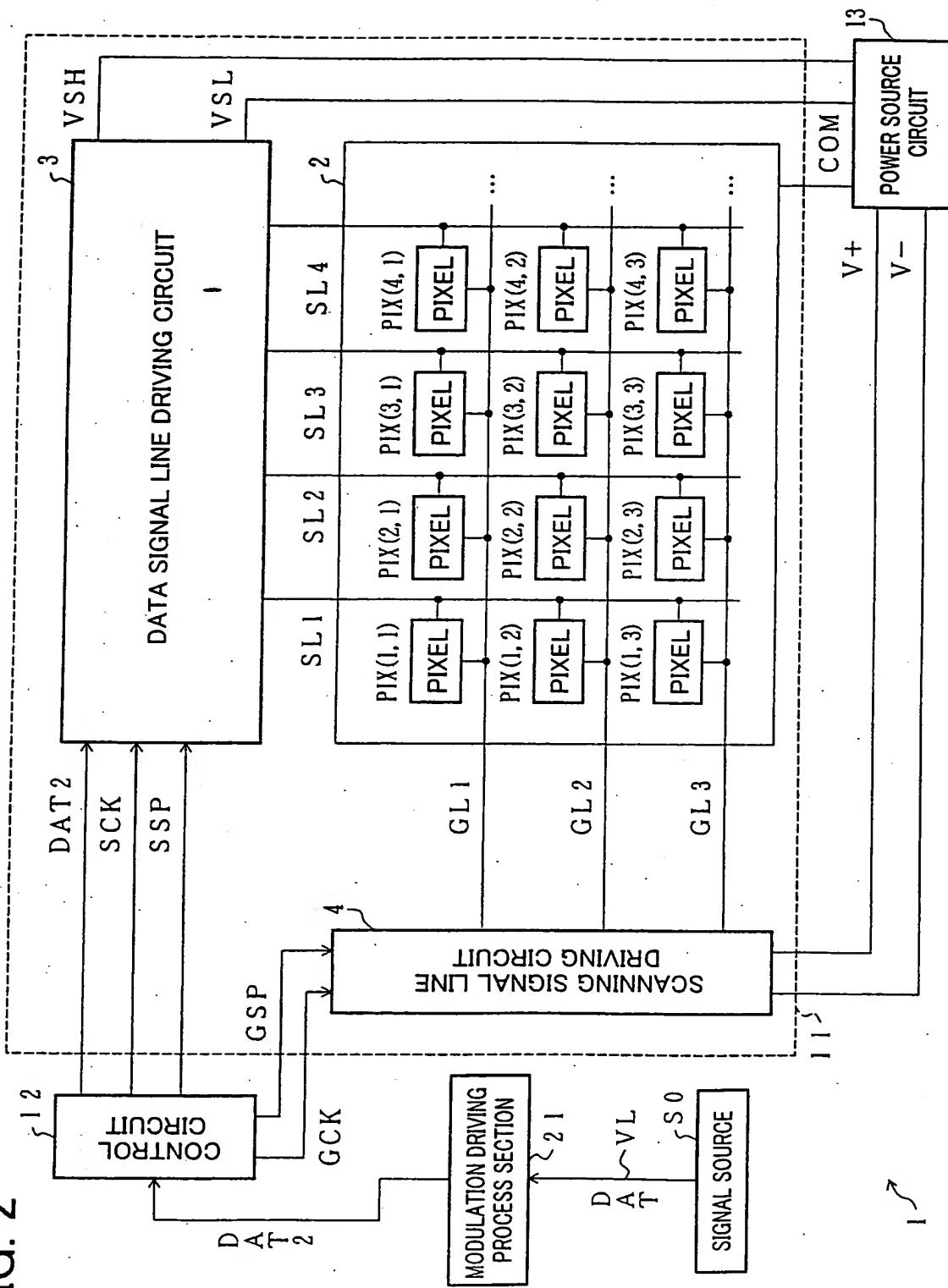


FIG. 3

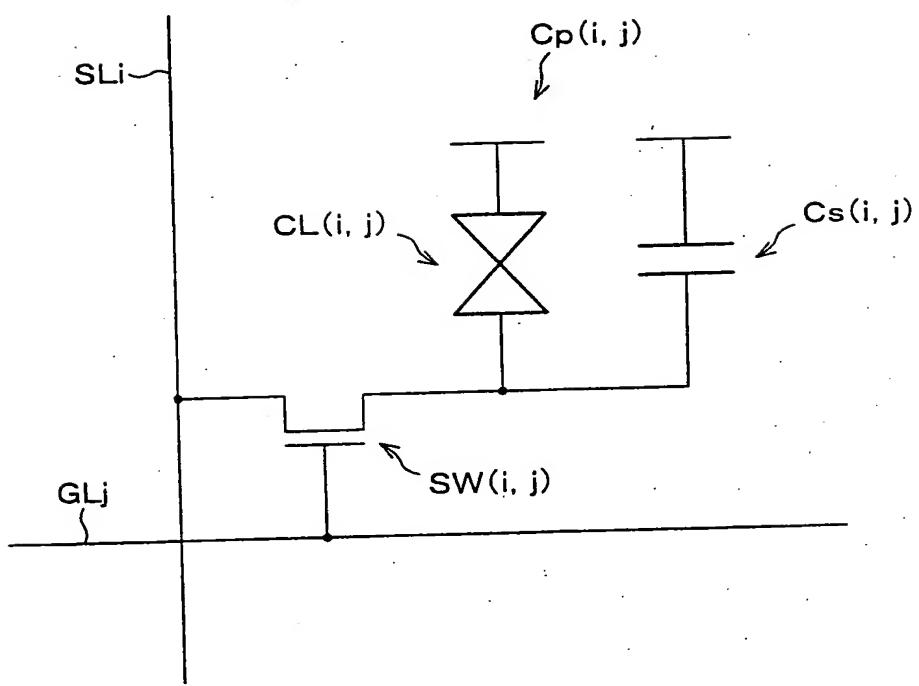


FIG. 4

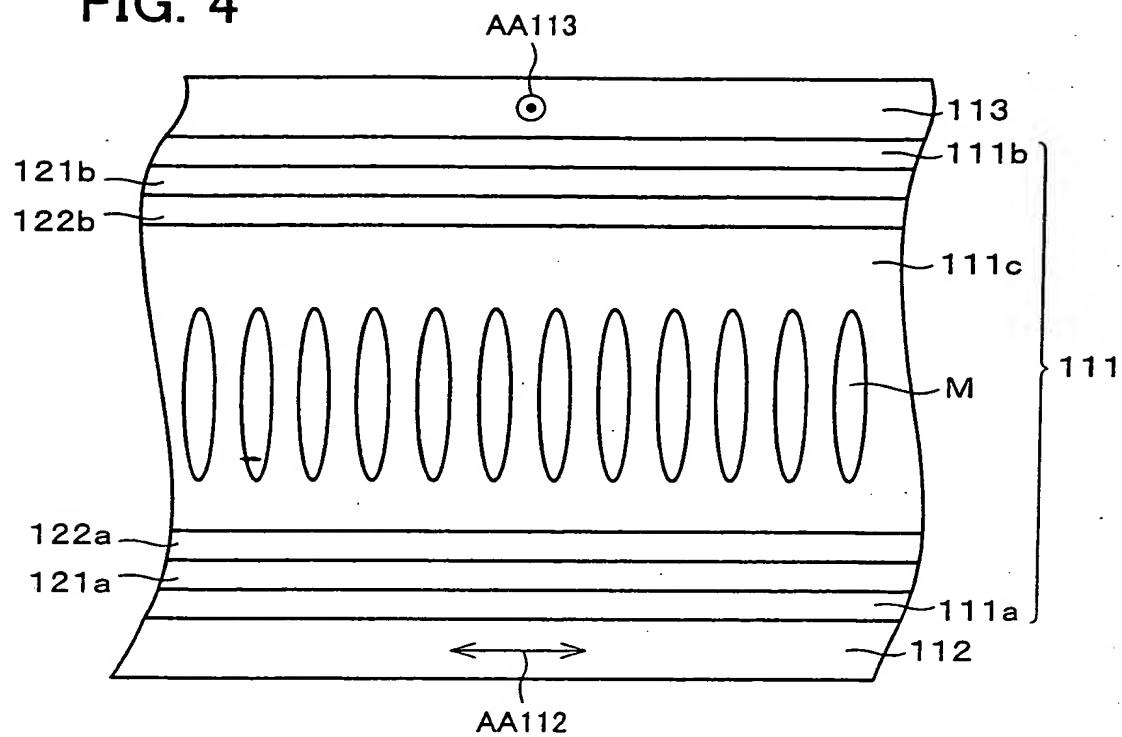


FIG. 5

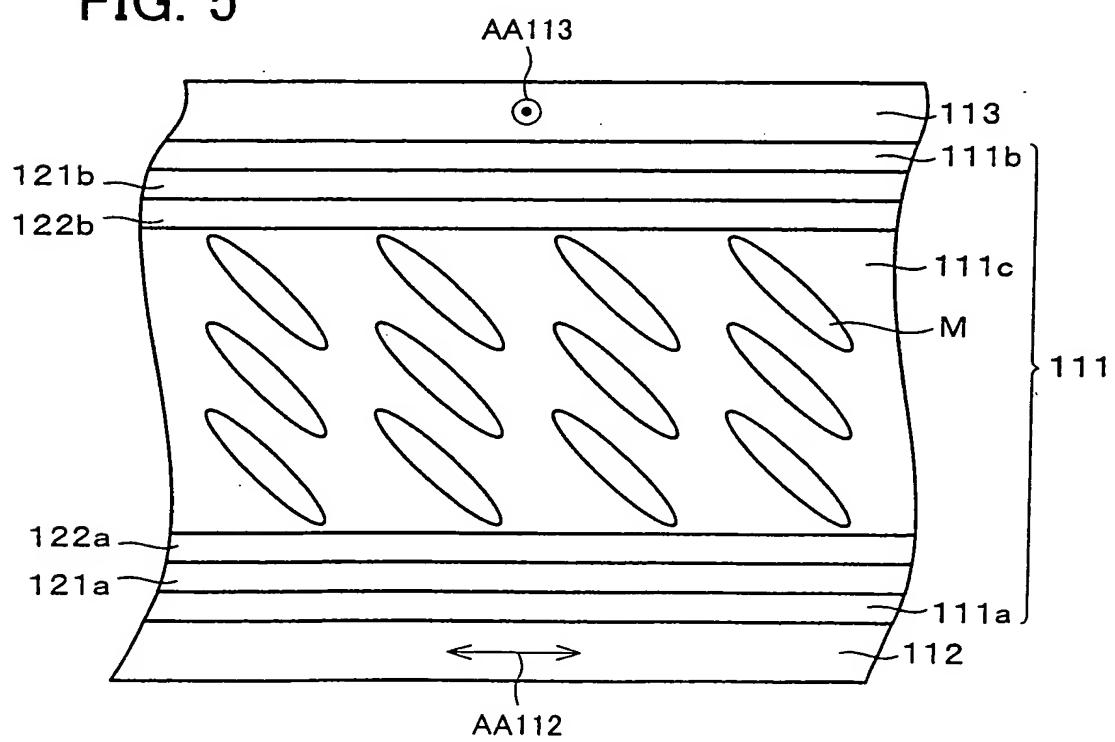


FIG. 6

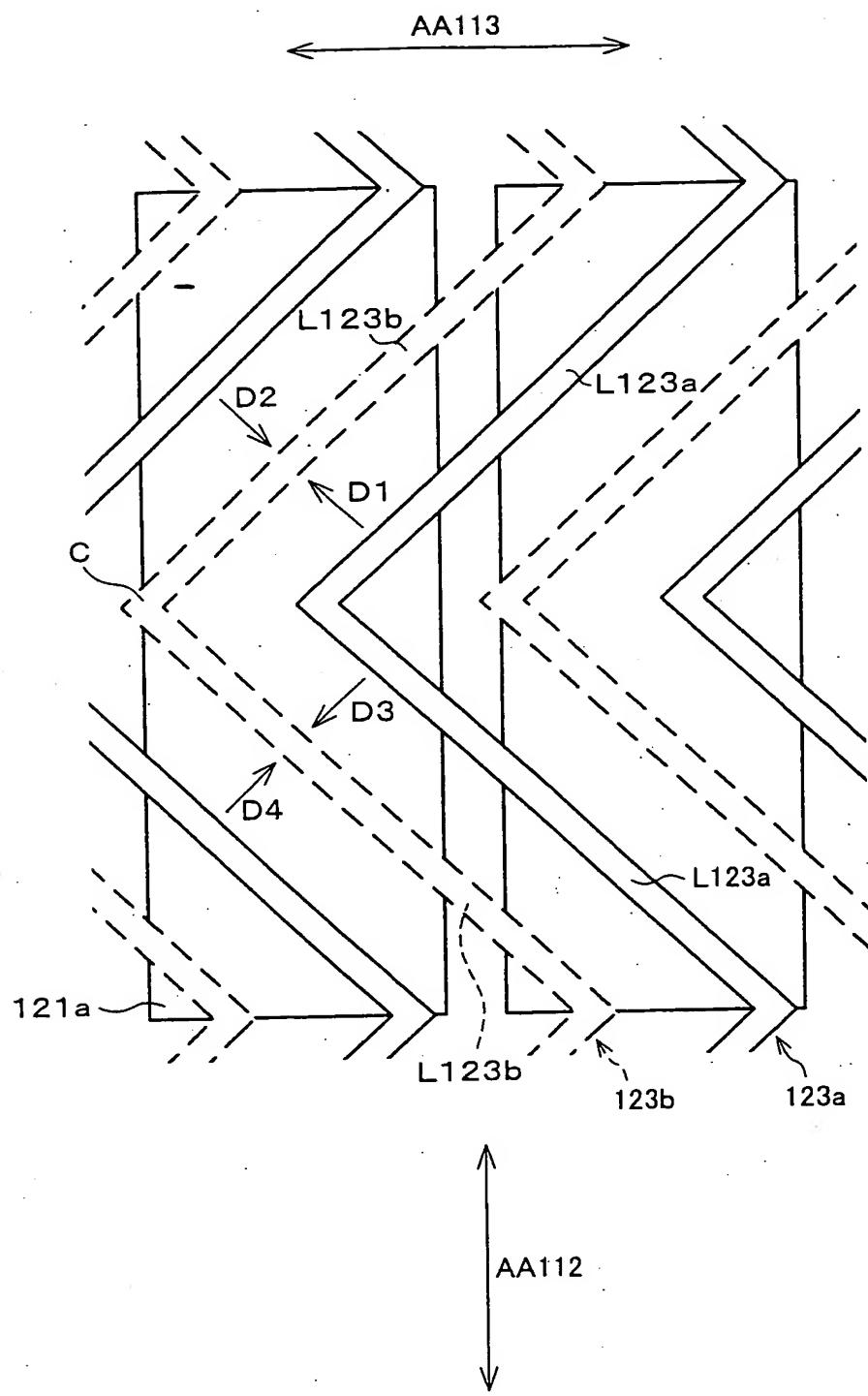


FIG. 7

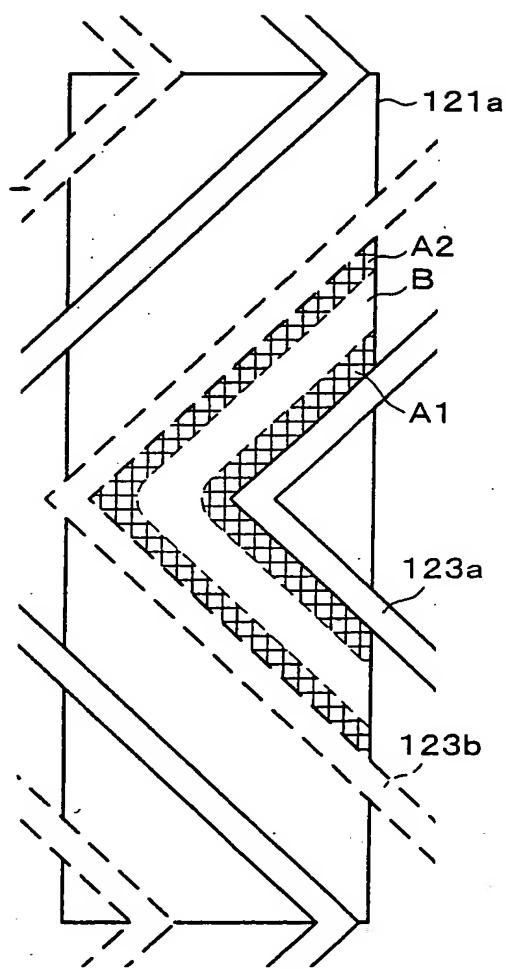


FIG. 8

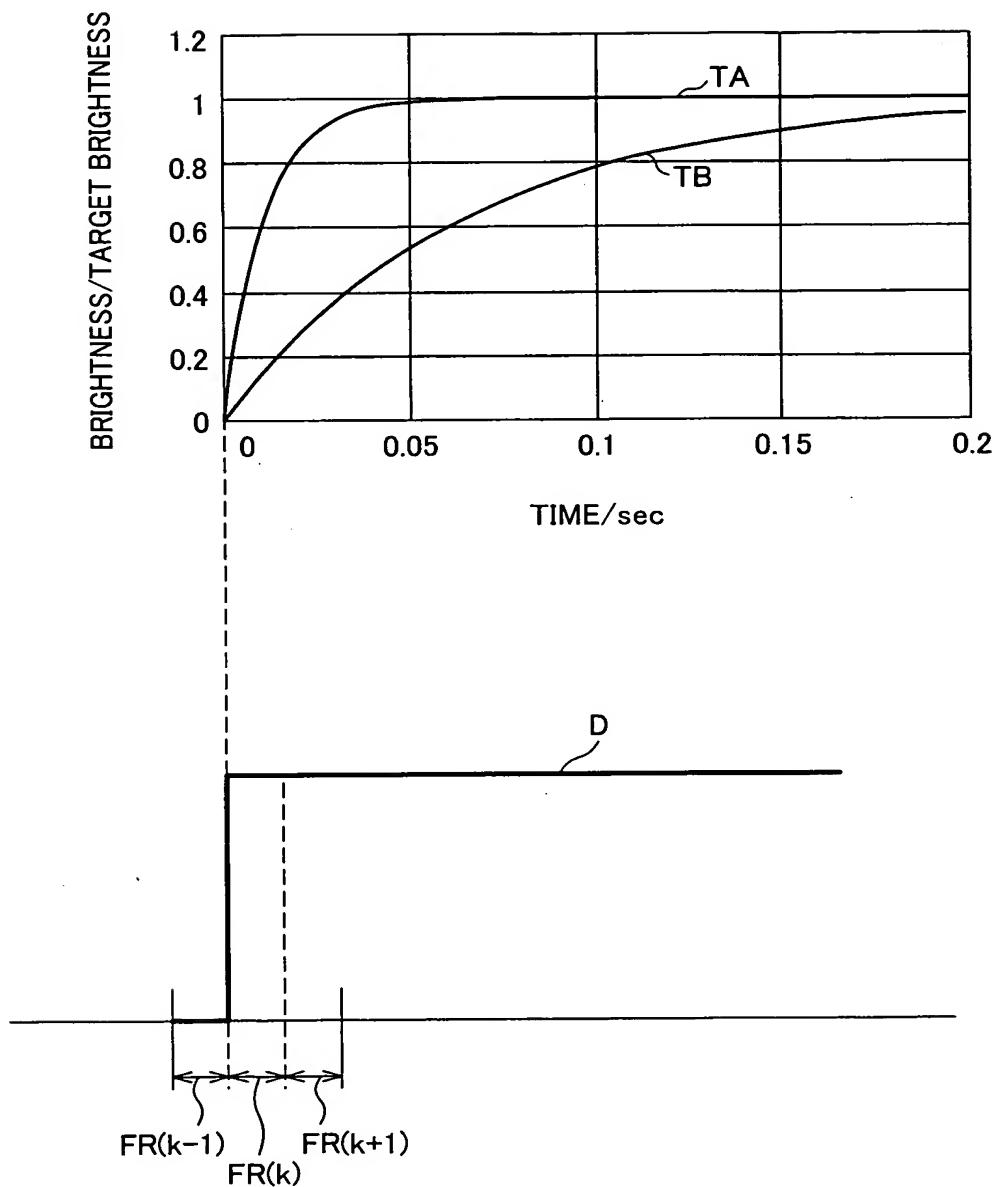


FIG. 9

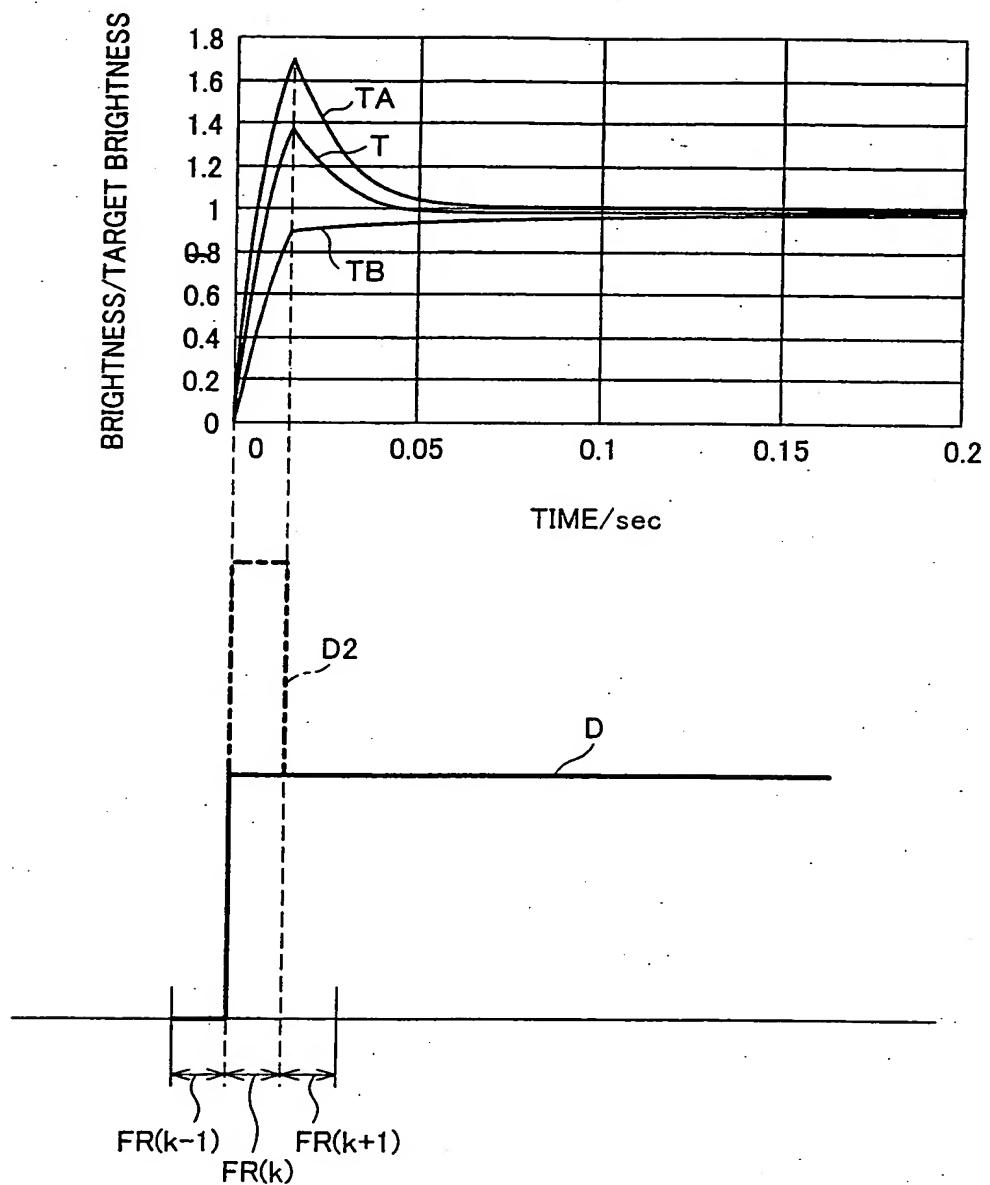


FIG. 10

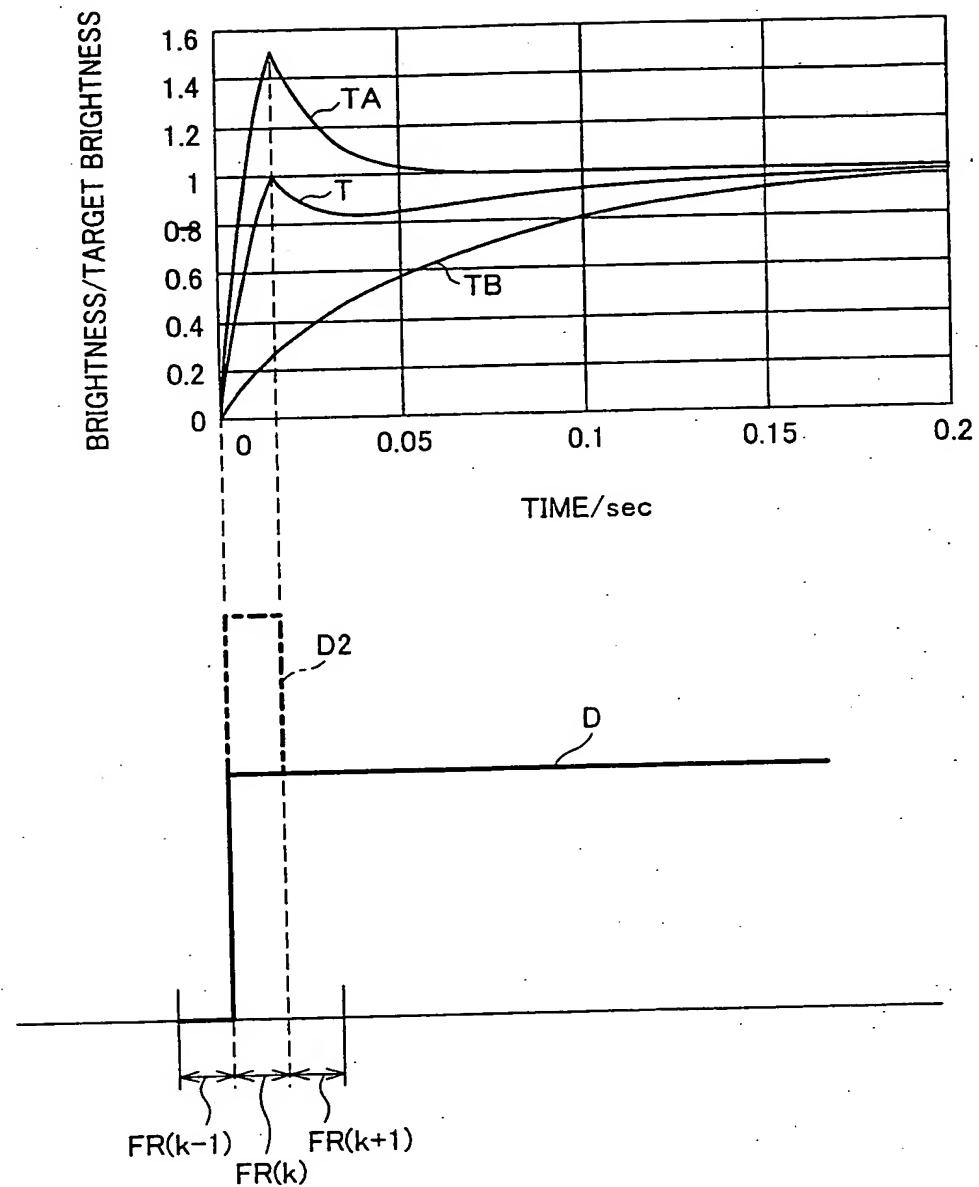


FIG.

FIG. 12

| CURRENT FRAME GRADATION | | | | | | | | | | | DESIRED TARGET GRADATION | | | | | |
|-------------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|--------------------------|-----|-----|-----|-----|-----|
| 0 | 16 | 32 | 48 | 64 | 80 | 96 | 112 | 128 | 144 | 160 | 192 | 224 | 255 | 255 | 255 | 255 |
| 0 | 0 | 25 | 88 | 144 | 170 | 189 | 198 | 205 | 210 | 223 | 233 | 247 | 255 | 255 | 255 | 255 |
| 16 | 0 | 16 | 67 | 130 | 156 | 175 | 189 | 197 | 203 | — | — | — | — | — | — | — |
| 32 | 0 | 0 | 32 | 85 | 128 | 149 | 165 | 177 | 187 | 207 | 223 | 243 | 255 | 255 | 255 | 255 |
| 48 | 0 | 0 | 14 | 48 | 86 | 120 | 142 | 156 | 169 | — | — | — | — | — | — | — |
| 64 | 0 | 0 | 4 | 30 | 64 | 98 | 128 | 144 | 157 | 194 | 214 | 240 | 255 | 255 | 255 | 255 |
| 80 | 0 | 0 | 0 | 21 | 46 | 80 | 110 | 133 | 147 | — | — | — | — | — | — | — |
| 96 | 0 | 0 | 0 | 14 | 36 | 68 | 96 | 122 | 139 | 183 | 208 | 237 | 255 | 255 | 255 | 255 |
| 112 | 0 | 0 | 0 | 10 | 29 | 57 | 85 | 112 | 133 | — | — | — | — | — | — | — |
| 128 | 0 | 0 | 5 | 25 | 48 | 77 | 102 | 128 | 173 | 203 | 235 | 255 | 255 | 255 | 255 | 255 |
| 160 | 0 | — | 0 | — | 13 | — | 53 | — | 103 | 160 | 196 | 232 | 255 | 255 | 255 | 255 |
| 192 | 0 | — | 0 | — | 4 | — | 38 | — | 83 | 150 | 192 | 229 | 255 | 255 | 255 | 255 |
| 224 | 0 | — | 0 | — | 0 | — | 23 | — | 58 | 136 | 181 | 224 | 255 | 255 | 255 | 255 |
| 255 | 0 | — | 0 | — | 0 | — | 11 | — | 36 | 112 | 168 | 219 | 255 | 255 | 255 | 255 |

FIG. 13

| DESIRED TARGET GRADATION | | | | | | | | | | | | |
|--------------------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CURRENT FRAME GRADATION | | | | | | | | | | | | |
| 0 | 16 | 32 | 48 | 64 | 80 | 96 | 112 | 128 | 160 | 192 | 224 | 255 |
| 0 | 0 | 28 | 112 | 161 | 189 | 202 | 211 | 217 | 222 | 234 | 242 | 255 |
| 16 | 0 | 16 | 79 | 144 | 173 | 193 | 202 | 208 | 214 | — | — | — |
| 32 | 0 | 0 | 32 | 96 | 140 | 163 | 180 | 192 | 199 | 217 | 231 | 246 |
| 48 | 0 | 0 | 10 | 48 | 94 | 134 | 153 | 168 | 181 | — | — | — |
| 64 | 0 | 0 | 0 | 26 | 64 | 105 | 135 | 152 | 166 | 201 | 220 | 242 |
| 80 | 0 | 0 | 0 | 15 | 42 | 80 | 114 | 138 | 153 | — | — | — |
| 96 | 0 | 0 | 0 | 7 | 29 | 64 | 96 | 126 | 143 | 189 | 212 | 240 |
| 112 | 0 | 0 | 0 | 0 | 22 | 49 | 82 | 112 | 135 | — | — | — |
| 128 | 0 | 0 | 0 | 0 | 17 | 39 | 70 | 99 | 128 | 177 | 206 | 237 |
| 160 | 0 | — | 0 | — | 1 | — | 40 | — | 93 | 160 | 198 | 234 |
| 192 | 0 | — | 0 | — | 0 | — | 24 | — | 68 | 146 | 192 | 230 |
| 224 | 0 | — | 0 | — | 0 | — | 8 | — | 37 | 123 | 176 | 224 |
| 255 | 0 | — | 0 | — | 0 | — | 0 | — | 18 | 83 | 158 | 218 |

FIG. 14

| CURRENT FRAME GRADATION | | | | | | | | | | DESIRED TARGET GRADATION | | | | | |
|-------------------------|----|----|-----|-----|-----|-----|-----|-----|-----|--------------------------|-----|-----|-----|---|--|
| 0 | 16 | 32 | 48 | 64 | 80 | 96 | 112 | 128 | 160 | 192 | 224 | 255 | | | |
| 0 | 0 | 35 | 130 | 182 | 203 | 215 | 223 | 229 | 233 | 243 | 248 | 255 | 255 | | |
| 16 | 0 | 16 | 94 | 161 | 191 | 205 | 214 | 220 | 226 | — | — | — | — | — | |
| 32 | 0 | 0 | 32 | 110 | 153 | 179 | 195 | 203 | 210 | 227 | 239 | 250 | 255 | | |
| 48 | 0 | 0 | 3 | 48 | 105 | 144 | 166 | 182 | 195 | — | — | — | — | — | |
| 64 | 0 | 0 | 0 | 21 | 64 | 113 | 143 | 162 | 178 | 208 | 226 | 246 | 255 | | |
| 80 | 0 | 0 | 0 | 7 | 35 | 80 | 120 | 144 | 162 | — | — | — | — | — | |
| 96 | 0 | 0 | 0 | 0 | 22 | 57 | 96 | 130 | 149 | 196 | 218 | 243 | 255 | | |
| 112 | 0 | 0 | 0 | 0 | 13 | 40 | 77 | 112 | 138 | — | — | — | — | — | |
| 128 | 0 | 0 | 0 | 0 | 6 | 29 | 61 | 94 | 128 | 182 | 211 | 240 | 255 | | |
| 160 | 0 | — | 0 | — | 0 | — | 26 | — | 82 | 160 | 201 | 236 | 255 | | |
| 192 | 0 | — | 0 | — | 0 | — | 10 | — | 47 | 140 | 192 | 231 | 255 | | |
| 224 | 0 | — | 0 | — | 0 | — | 0 | — | 18 | 98 | 170 | 224 | 255 | | |
| 255 | 0 | — | 0 | — | 0 | — | 0 | — | 0 | 44 | 142 | 216 | 255 | | |

FIG. 15

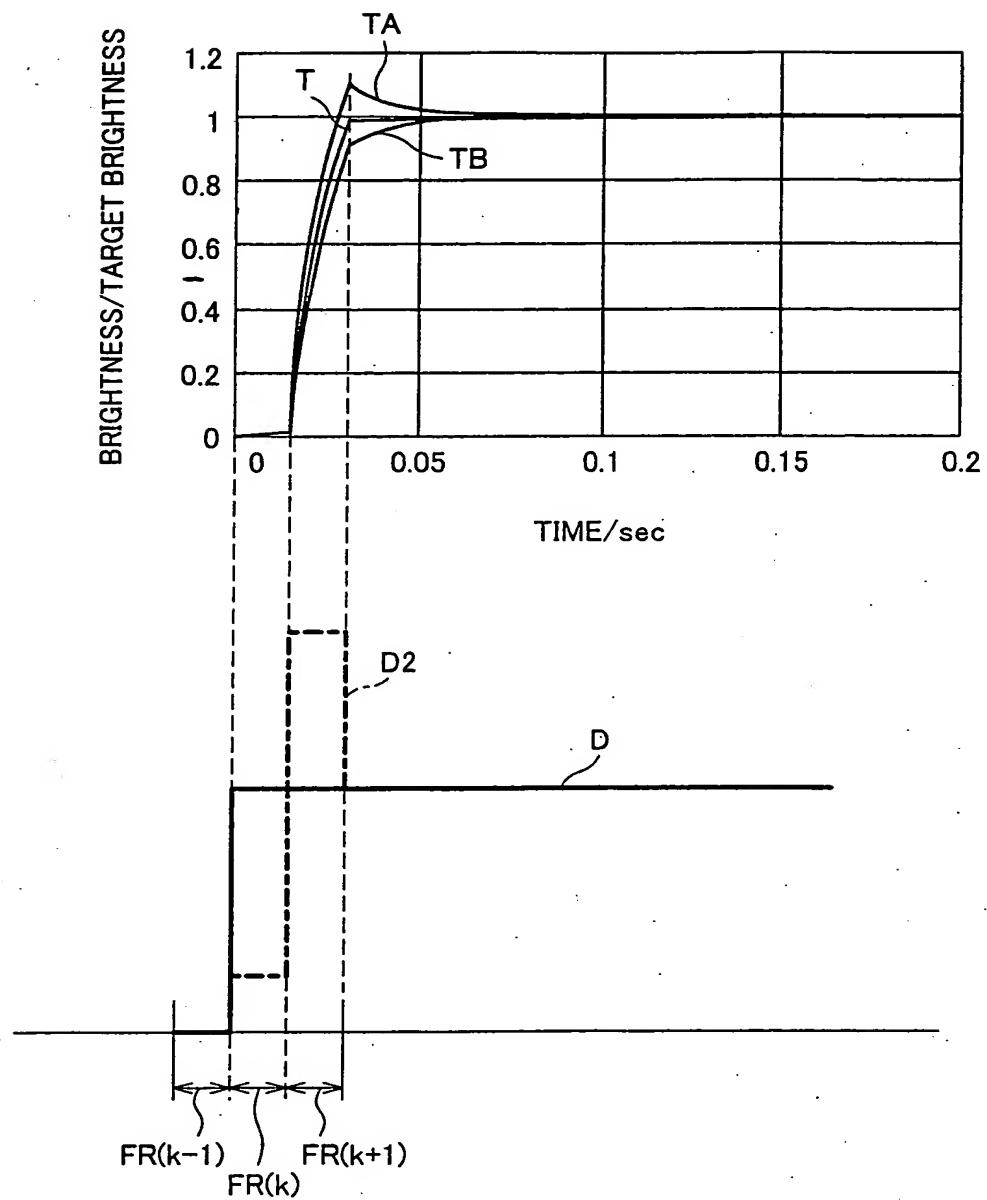


FIG. 16

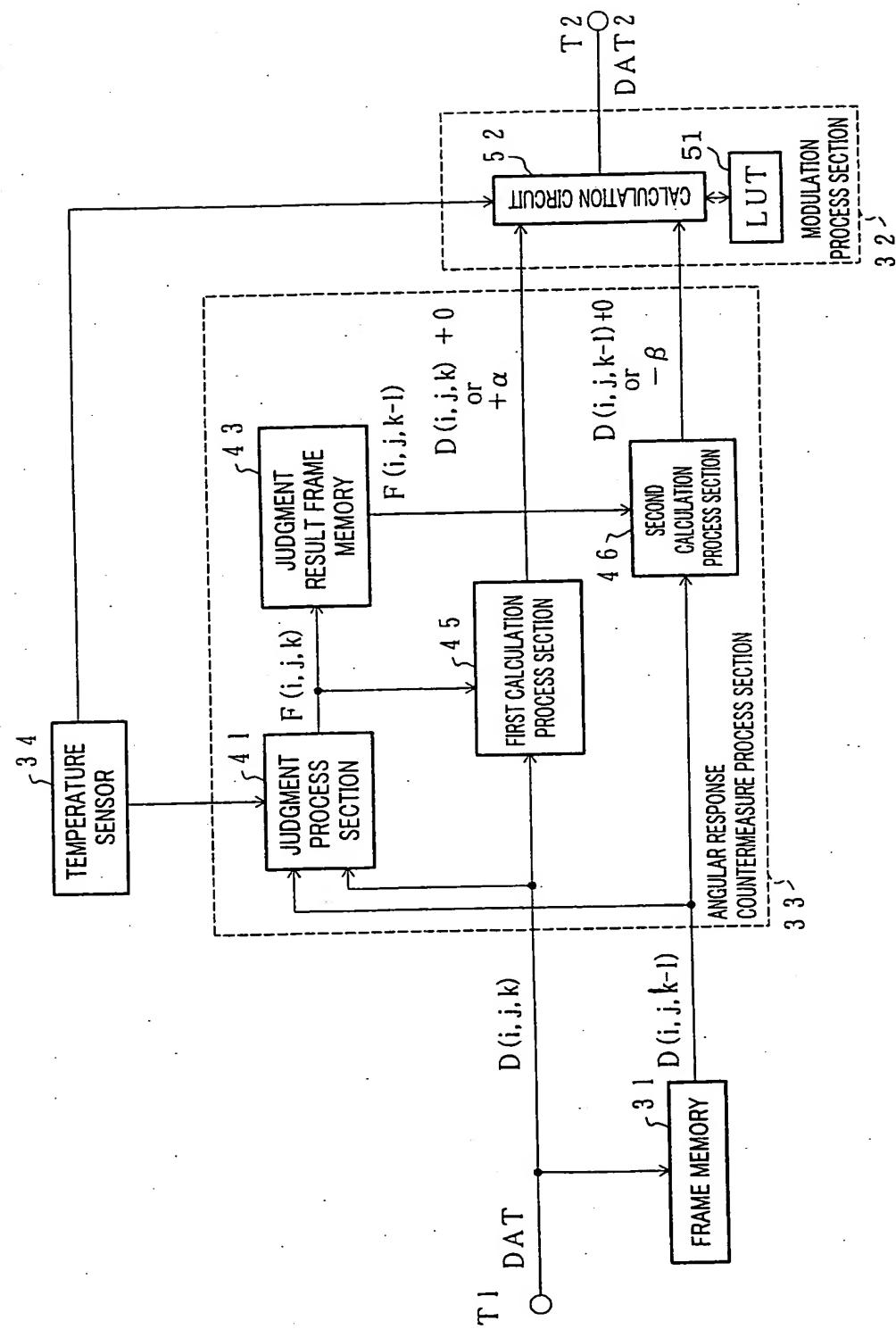


FIG. 17

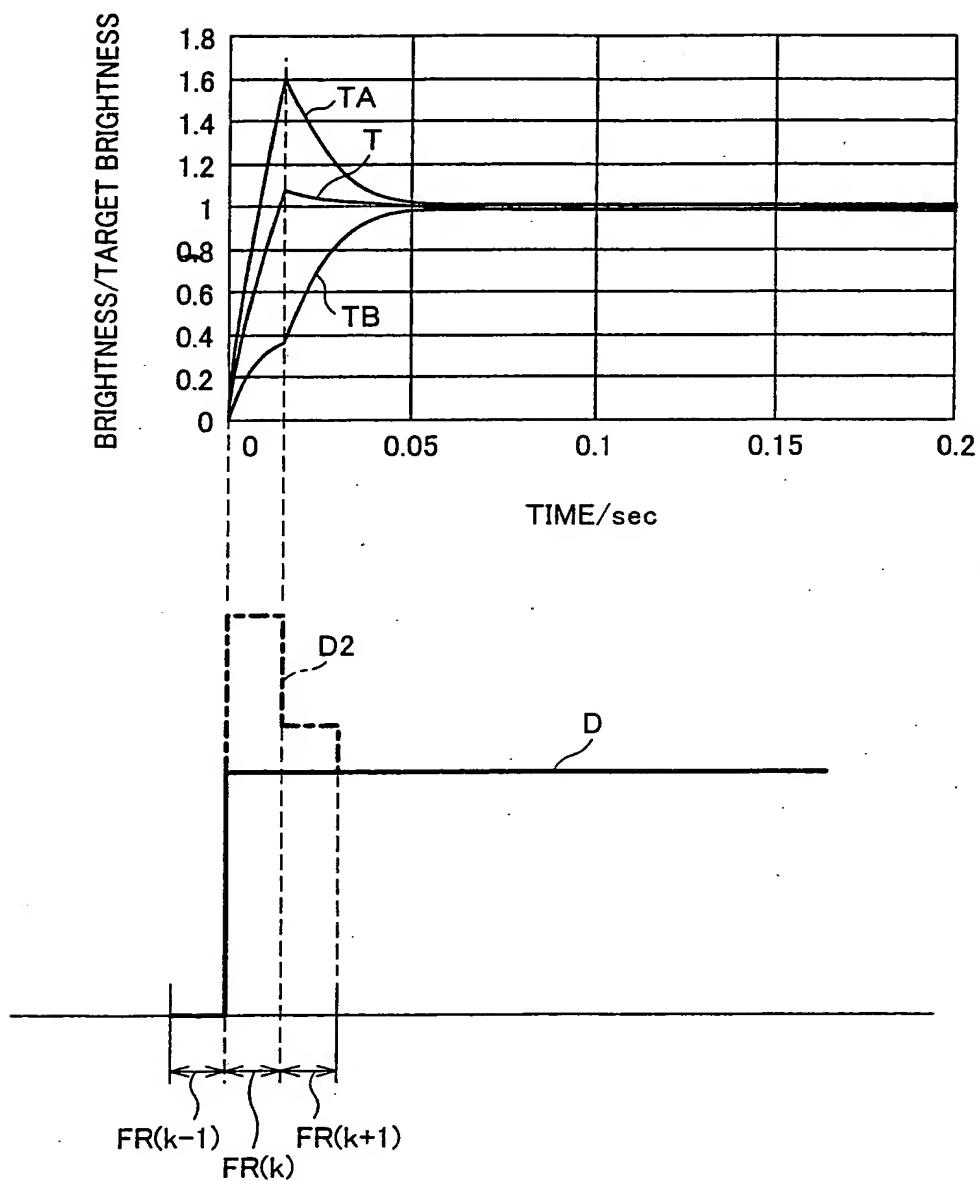


FIG. 18
21b

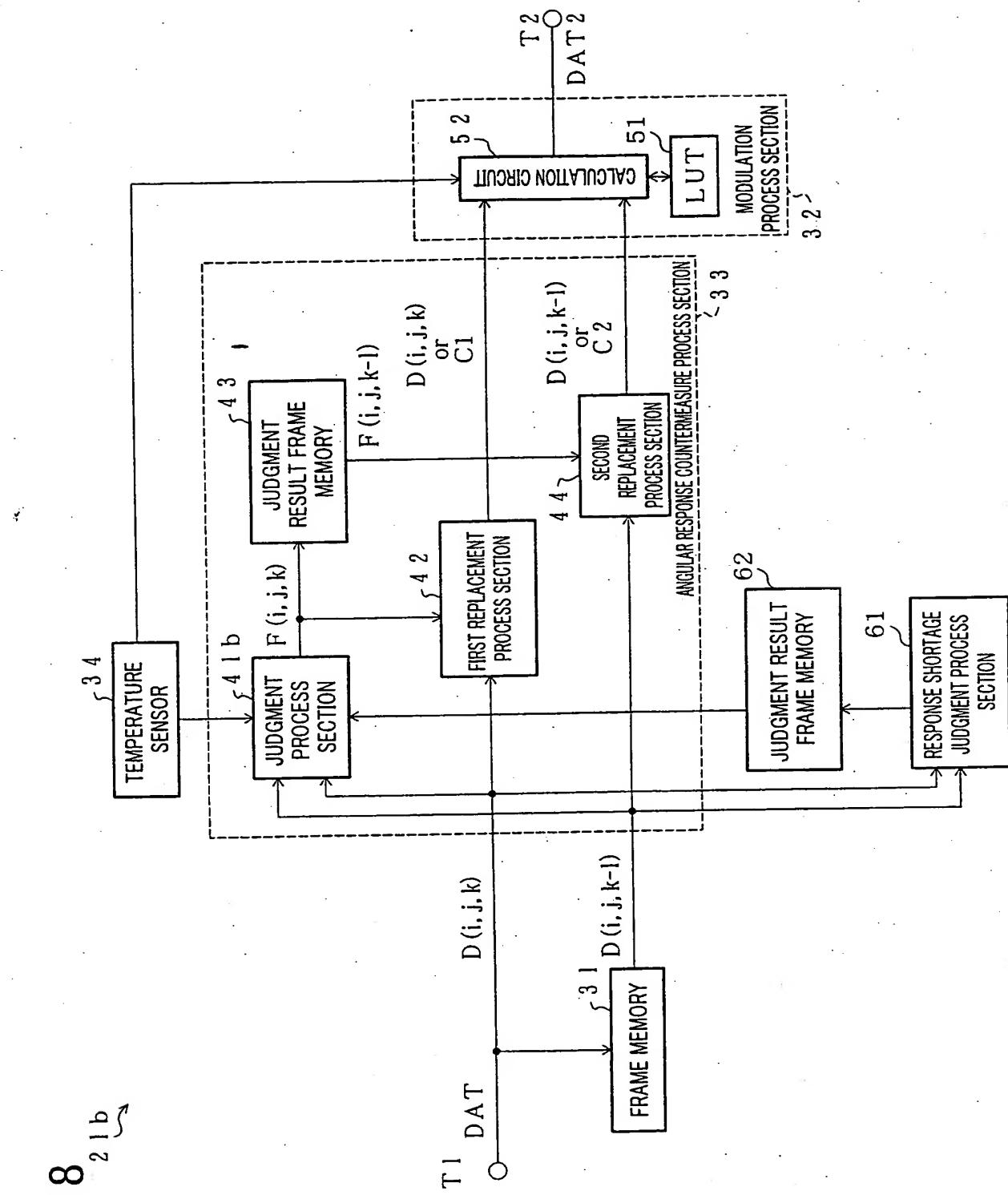


FIG. 19
21c

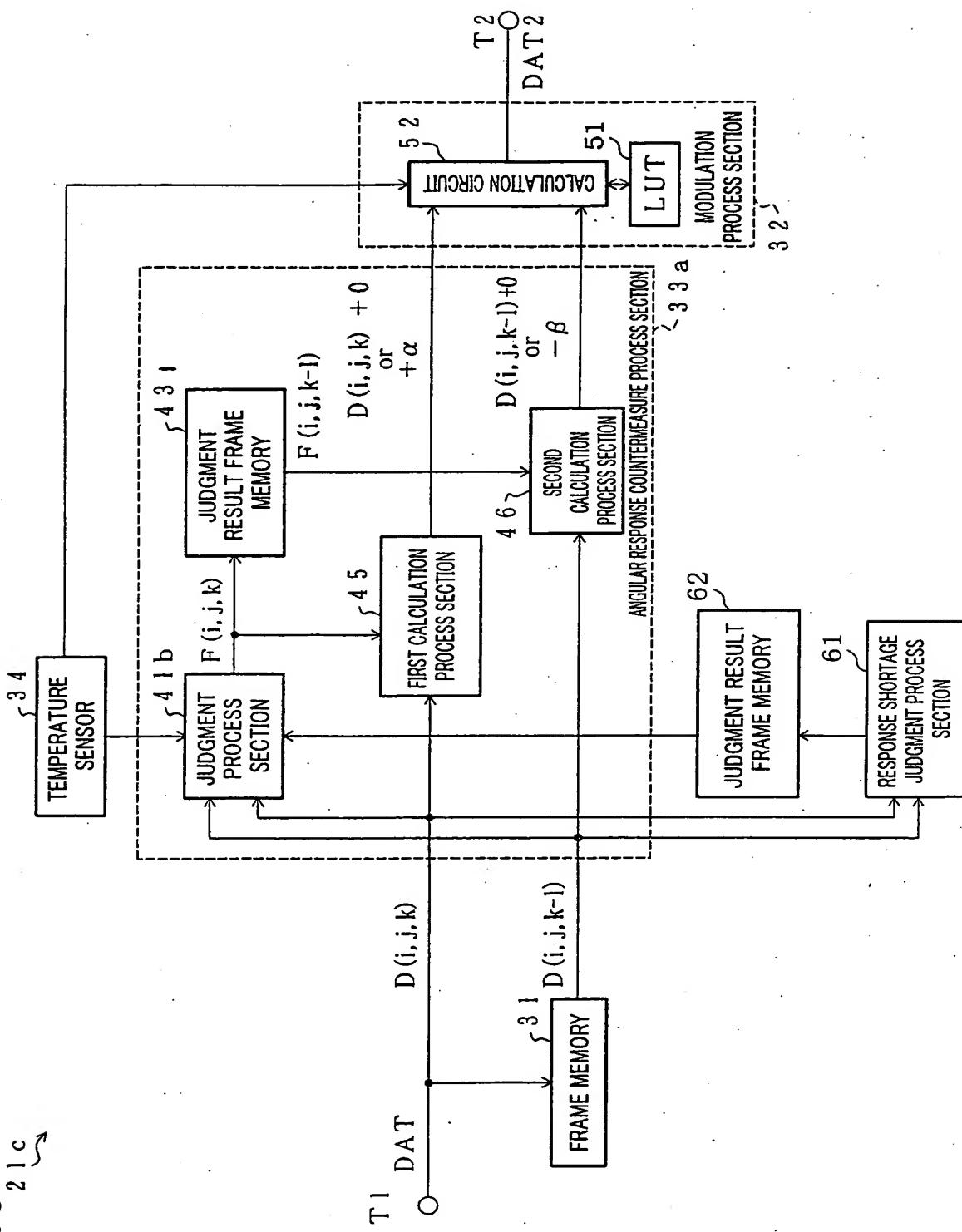


FIG. 20
21d

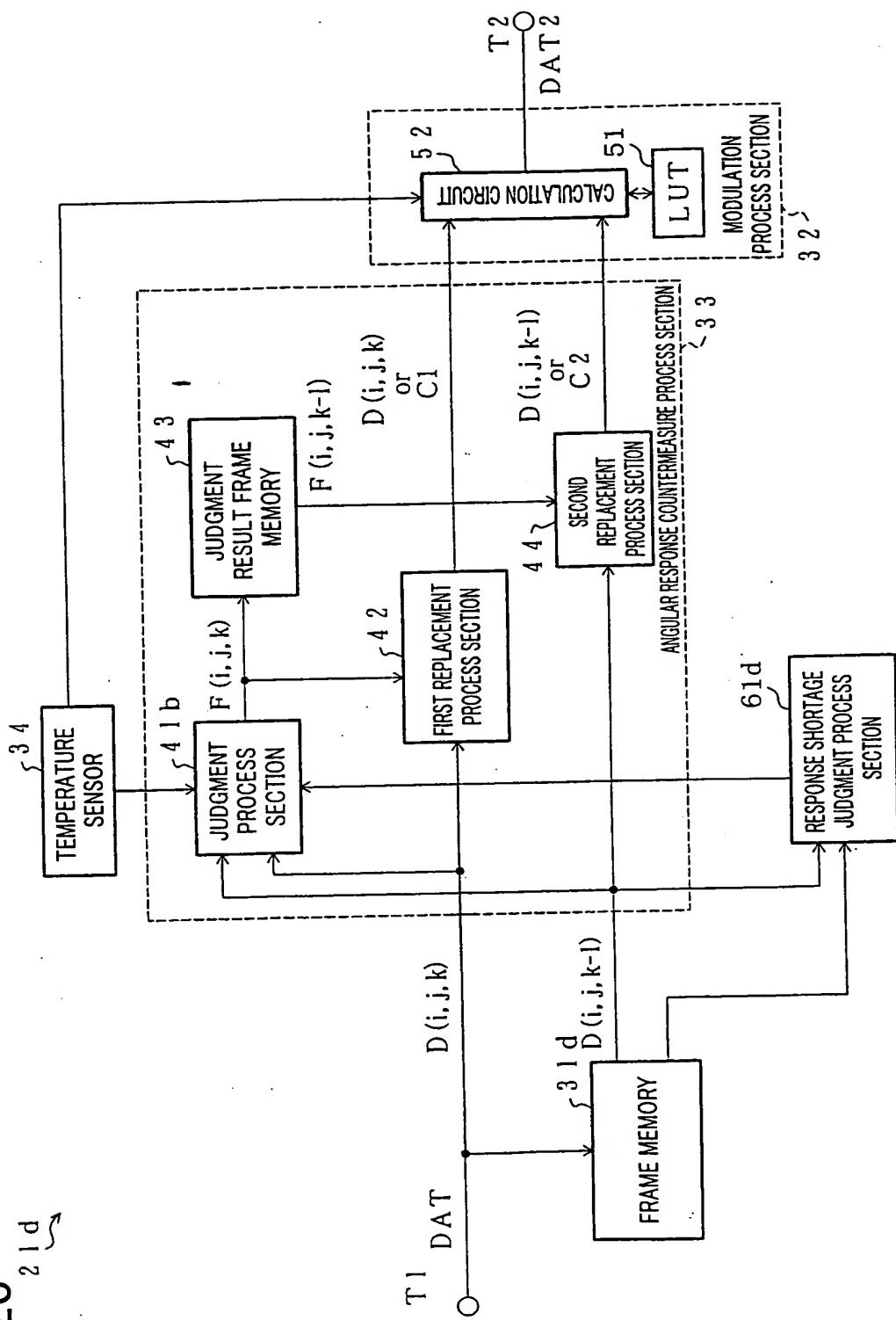


FIG. 21
21e

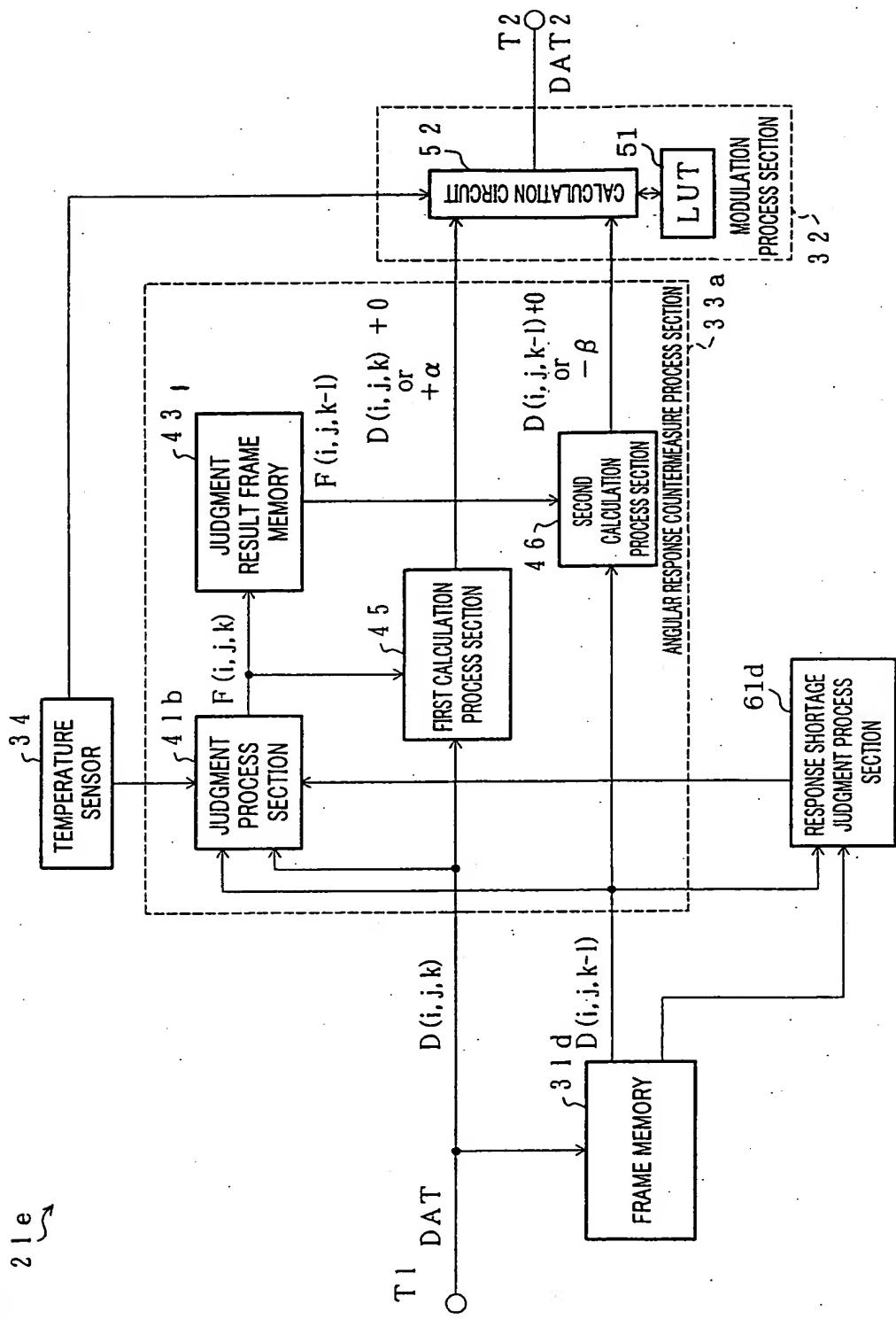


FIG. 22
21f

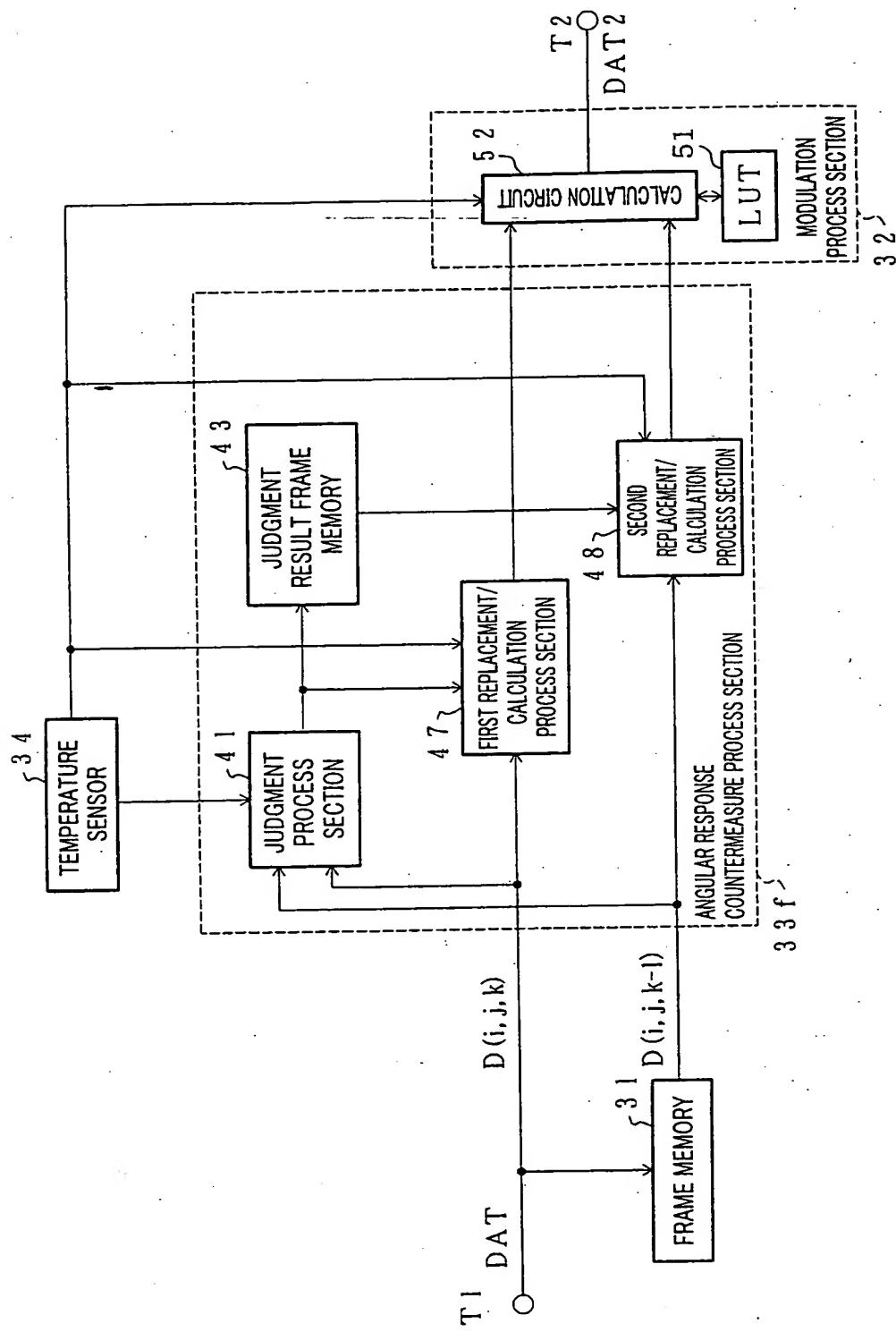


FIG. 23

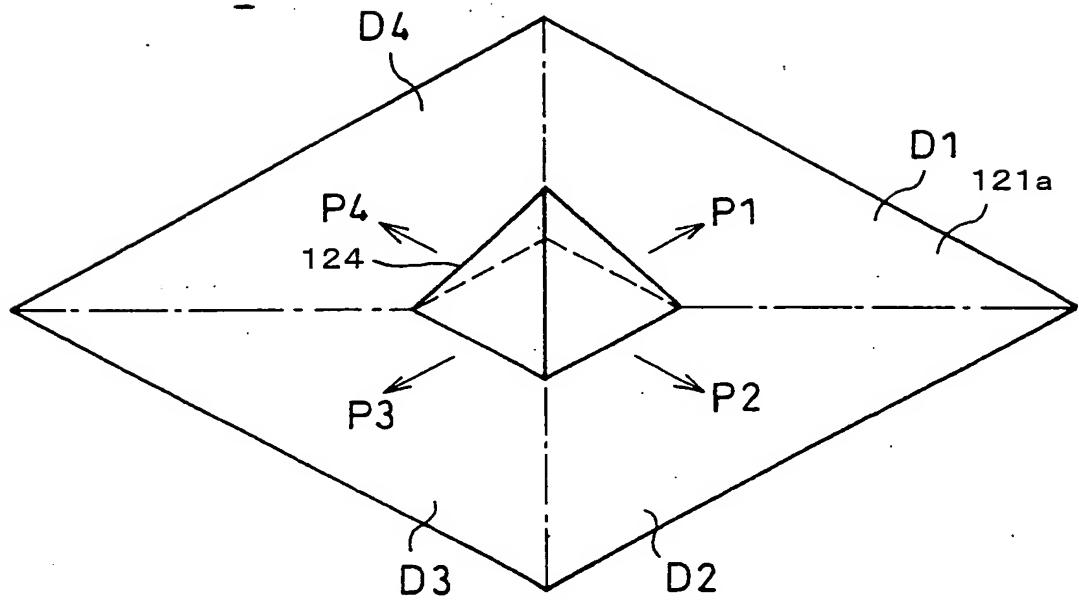


FIG. 24

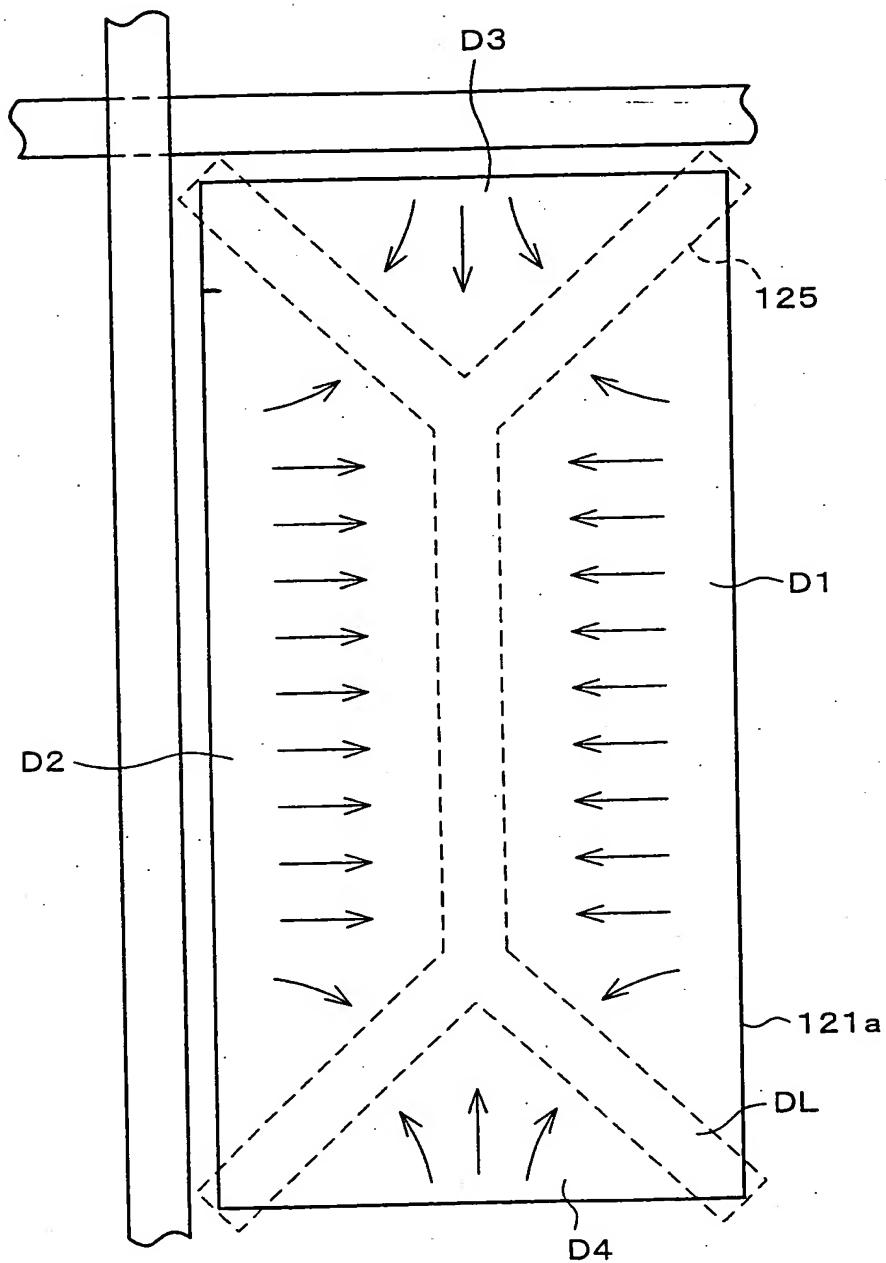


FIG. 25

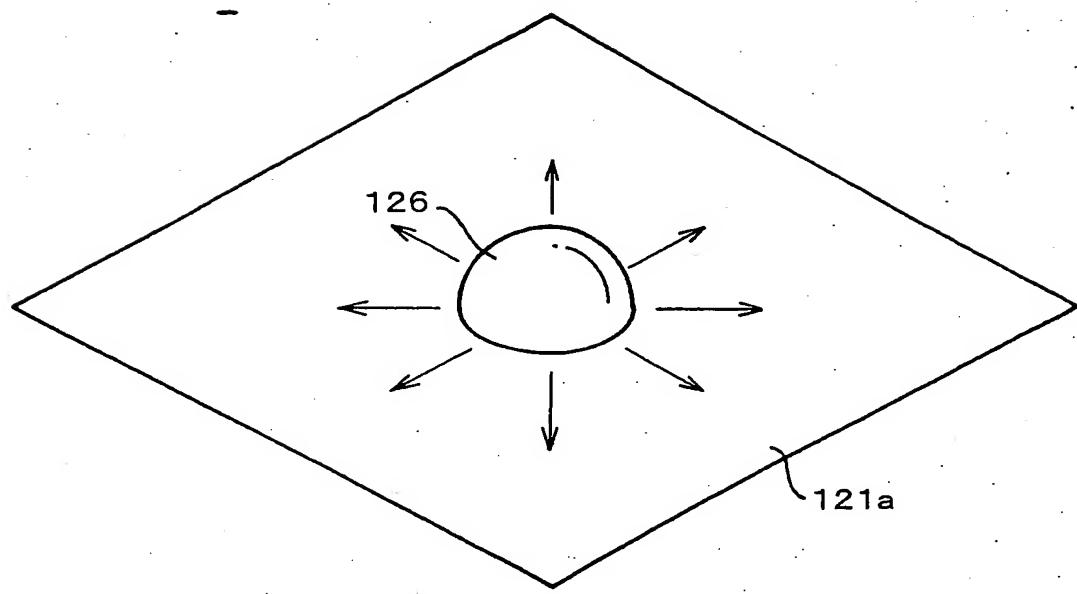


FIG. 26

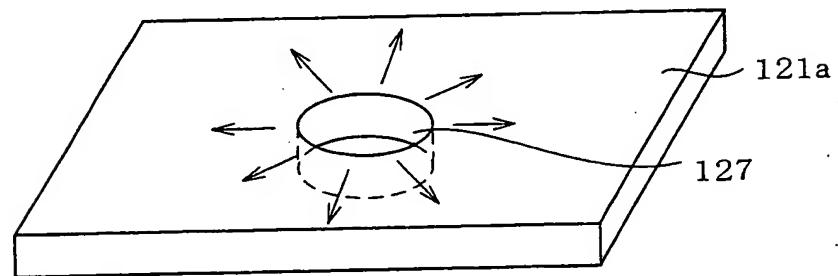
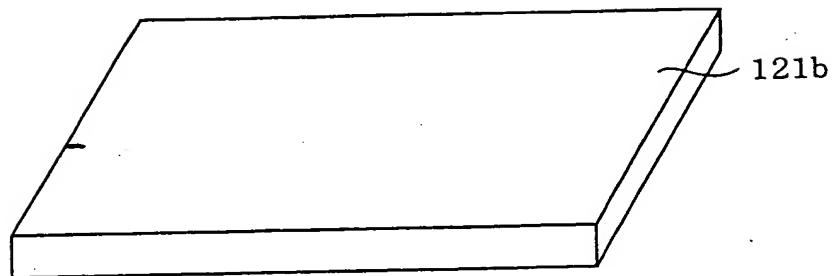


FIG. 27

